DSC#754

VOYAGER 1 & 2

CRS 6-HR CRUISE MODE

77-084A-08B /77-076A-08B

VOYAGER 1

VG1 CRS 6-HOUR CRUISE MODE DATA

77-084A-08B

THIS DATA SET CONSISTS OF 1 MAGNETIC TAPE. THE TAPE IS 9-TRACK, 6250 BPI, ASCII, CREATED ON A VAX COMPUTER WITH A LABEL NAME OF "VG-CRS". A DIRECTORY OF THE TAPE, AS WELL AS A COPY OF THE REFERENCE DOCUMENT HAS BEEN INCLUDED IN THE CATALOG. THE D AND C NUMBER ALONG WITH IT'S TIME SPAN IS LISTED BELOW.

D#	C#	FILES	TIMESPAN
D-107993	C-031719	19	09/07/77-12/31/93

Directory of VG1-CRS 6-HR CRUISE DATA

√1HEADER.CRS;1	VY1CRS77.DAT;1	VY1CRS78.DAT;1	VY1CRS79.DAT;1
VY1CRS80.DAT;1	VY1CRS81.DAT;1	VY1CRS82.DAT;1	VY1CRS83.DAT;1
VY1CRS84.DAT;1	VY1CRS85.DAT;1	VY1CRS86.DAT;1	VY1CRS87.DAT;1
VY1CRS88.DAT;1	VY1CRS89.DAT;1	VY1CRS90.DAT;1	VY1CRS91.DAT;1
VY1CRS92.DAT;1	VY1CRS93.DAT;1	VY1CRS_REF.DOC;1	

Total of 19 files.

Header for NSSDC submission for Voyager-1 Cruise Archive
Applies to the TEXT datasets formed by program DCFLUX from the original BINARY IBM mainframe datasets.

VOL_CREATION_DATE: 1994-10-07

MEDIUM_DESCRIPTION: 1/2 inch, 9-track, 6250 bpi magnetic tape

TECHNICAL_CONTACT:
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Electronic Mail: nand@voyager.gsfc.nasa.gov
Telephone: 301-286-7350

PREV_VOLS: None

DATA_SET_NAME: Voyager-1 Cruise Mode Data Archive

DATA_SOURCE: Voyager-1 Cosmic Ray Subsystem

SCIENTIFIC_CONTACT:
Dr. Frank McDonald
Institute for Physical Science and Technology
University of Maryland
College Park, MD 20742

Electronic Mail: fm27@umail.umd.edu
Telephone: 301-405-4861

SPACECRAFT_CHARACTERISTICS: Voyager-1 was launched on September 5, 1977, encountered Jupiter on March 5, 1979, and Saturn on November 12, 1980. After passing Saturn the spacecraft trajectory is taking it generally toward the nose of the terminator shock of the sun's heliosphere. At the end of 1992 it was about 50 AU from the sun, and above the ecliptic plane near 33 degrees N heliolatitude. The spacecraft is instrumented with a full suite of magnetic field, plasma and energetic particle and cosmic ray sensors. The Imaging experiment has sent back wonderful pictures of the planets and their moons and rings.

INVESTIGATION_OBJECTIVES: This instrument is designed to exploit to the fullest practical degree the proposed trajectories of Voyagers-1 and -2. The significance of these measurements will be greatly enhanced by concurrent measurements with similar particle telescopes on satellites such as the Pioneers, IMPs, and similar series in near-earth orbits. similar series in near-earth orbits. The principle scientific objectives of this experiment are:

More pages from the data

Voyager 2

VOYAGER 2

VOYAGER 2 CRS 6-HOUR CRUISE DATA

77-076A-08B

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D#	C#	FILES	TIMESPAN
D-107794	C-031720	21	08/24/77-12/31/93

Directory of VG2-CRS 6-HR CRUISE DATA

V2HEADER.CRS;1	VY2CR78P.DAT;1	VY2CR79A.DAT;1	VY2CR79B.DAT;1
VY2CR82A.DAT;1	VY2CR82B.DAT;1	VY2CRS77.DAT;1	VY2CRS80.DAT;1
VY2CRS81.DAT;1	VY2CRS83.DAT;1	VY2CRS84.DAT;2	VY2CRS85.DAT;1
VY2CRS86.DAT;1	VY2CRS87.DAT;1	VY2CRS88.DAT;1	VY2CRS89.DAT;1
VY2CRS90.DAT;1	VY2CRS91.DAT;1	VY2CRS92.DAT;1	VY2CRS93.DAT;1
VY2CRS_REF.DOC;1			

Total of 21 files.

Header for NSSDC submission for Voyager-2 Cruise Archive
Applies to the TEXT datasets formed by program DCFLUX from
the original BINARY IBM mainframe datasets.

VOL_CREATION_DATE: 1994-10-07

MEDIUM_DESCRIPTION: 1/2 inch, 9-track, 6250 bpi magnetic tape

TECHNICAL_CONTACT:
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PREV_VOLS: None

DATA_SET_NAME: Voyager-2 Cruise Mode Data Archive

DATA_SOURCE: Voyager-2 Cosmic Ray Subsystem

SCIENTIFIC_CONTACT:
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SPACECRAFT_CHARACTERISTICS: Voyager-2 was launched on August 28, 1977, encountered Jupiter on July 9, 1979, Saturn on August 25, 1981, Uranus on January 24, 1986 and Neptune on August 25, 1989. It's trajectory is taking it toward the nose of the sun's heliosphere and below the ecliptic. At the end of 1992 the sun/spacecraft distance was about 39 AU, and the spacecraft direction about 27 degrees off the sun's forward motion line in the ecliptic. The spacecraft is instrumented with a full suite of magnetic field, plasma and energetic particle and cosmic ray sensors. The Imaging experiment has sent back wonderful pictures of the planets and their moons and rings.

INVESTIGATION_OBJECTIVES: This instrument is designed to exploit to the fullest practical degree the proposed trajectories of Voyagers-1 and -2. The significance of these measurements will be greatly enhanced by concurrent measurements with similar particle telescopes on satellites such as the Pioneers, IMPs, and similar series in near-earth orbits. similar series in near-earth orbits.

More pages from the data